Jem ZR44 Hi-Mass™

Martin by HARMAN

Advanced technology for top-quality performance

The Jem ZR44 Hi-Mass™ is a reliable and highly efficient fogger capable of precise fog delivery from subtle to massive.

Ideal for a variety of settings from small venues to huge stadiums and arenas, it features advanced technology for top-quality performance, as well as advances in digital functionality such as RDM compatibility.

- 1200 m³/min fog output
- Continuous output
- 1800 W heat exchanger
- 7.5 min heat-up time
- Floor standing or truss mounting
- Neutrik PowerCon connector
- Indirect Fluid Sensing System
- Proprietary Pro Steam Simulation fluid solution
- Different fluid options for different applications
- Leaves no oil residue on light fixtures
- Tough and solid design
- 3 & 5 pin DMX interface
- Prepared for multifunctional digital remote
- RDM capable
- Soft Start technology

Specifications

Physical
Length: 685 mm (27.0 in.)
Width: 345 mm (13.6 in.)
Height: 225 mm (8.9 in.)
Dry weight: 19 kg (41.9 lbs.)

Performance
Max. fog output (approx.): 1200 m 3
Operating time: Continuous, automatic level adjustment
Warm-up time (approx.): 7.5 minutes

Control and Programming
Control options: Onboard analogue remote control (Supplied), Multi-Function digital remote
Control options: control (Optional), DMX (3 and 5 pin), 0-10V analog, RDM capable
Remote control features: Instant or timer-controlled variable output
Delay time 2-144 seconds, run time 2-144 seconds
DMX channels: 1
RDM Capable via DMX socket
Digital link machine to machine (Using optional Digital Multi-Function remote)

Construction
Housing: Steel & aluminum
Heat exchanger: 1800 W, direct thermal protection

Fluid System
Fluid pump: Oscillating piston, high pressure X2
Onboard fluid capacity: 9.5 l
Indirect fluid sensing system for unattended operation

Connections
Remote control: 2 x 3-pin locking XLR
DMX and RDM data in/out: 2 x 3-pin and 2 x 5-pin locking XLR
Power cable entry: Neutrik powerCON

Installation
Orientation: Floor or adjustable mounting bracket

Electrical
AC power (EU models): 220-240 V nominal, 50 Hz
AC power (US models): 110-120 V nominal, 60 Hz
Main fuse (220-240 V power): 10 A
Main fuse (110-120 V power): 20 A

Thermal
Maximum ambient temperature (Ta max.): 40° C (104° F)
Exterior surface temperature, steady state: 50° C (122° F)
Max. nozzle temperature: 200° C (392° F)

Approvals
ETL approvals (cETLus) pending

Included Items
User manual
Remote control
Container 9.5 l: P/N 34300528

Accessories
Pro Smoke Studio (DX Mix) fluid
Pro Smoke Super (ZR Mix) fluid
Pro Smoke High Density (SP Mix) fluid
Pro Steam Simulation (AA) fluid
I-fog fluid
Regular DJ (DJ mix) fluid
Digital Multi-function Remote Control (not yet available)
Ducting Kit: P/N 92625005
Drip Tray Kit: P/N 92620011

Ordering Information
JEM ZR44 Hi-Mass, 110V: P/N 92215310
JEM ZR44 Hi-Mass, 240V: P/N 92215300

Specifications are subject to change without notice. For the latest product specifications, see www.martin.com

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About Martin Professional
As a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors, Martin lighting and video systems are renowned the world over. Martin also offers a range of advanced lighting controllers and media servers, as well as a complete line of smoke machines as a complement to intelligent lighting. Martin operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. Founded in 1987 and based in Aarhus, Denmark, Martin is the lighting division of global infotainment and audio company HARMAN International Industries.

HARMAN (www.HARMAN.com) designs, manufactures and markets a wide range of audio and infotainment solutions for the automotive, consumer and professional markets – supported by 15 leading brands, including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon® and Mark Levinson®. The Company is admired by audiophiles across multiple generations and supports leading professional entertainers and the venues where they perform. More than 25 million automobiles on the road today are equipped with HARMAN audio and infotainment systems. HARMAN's highly competent workforce is employed across the Americas, Europe and Asia.

For more information please visit

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